

D O Bokov

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,188
citations

471061

17
h-index

454577

30
g-index

104
all docs

104
docs citations

104
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterial by Sol-Gel Method: Synthesis and Application. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-21.	1.0	321
2	A deep insight into CRISPR/Cas9 application in CAR-T cell-based tumor immunotherapies. <i>Stem Cell Research and Therapy</i> , 2021, 12, 428.	2.4	63
3	Humoral immune mechanisms involved in protective and pathological immunity during COVID-19. <i>Human Immunology</i> , 2021, 82, 733-745.	1.2	47
4	Various types of electrochemical biosensors for leukemia detection and therapeutic approaches. <i>Analytical Biochemistry</i> , 2022, 654, 114736.	1.1	47
5	Study on novel fluorescent carbon nanomaterials in food analysis. <i>Food Science and Technology</i> , 0, 42, .	0.8	46
6	Ultra-Sensitive Biosensor with Simultaneous Detection (of Cancer and Diabetes) and Analysis of Deformation Effects on Dielectric Rods in Optical Microstructure. <i>Coatings</i> , 2021, 11, 1564.	1.2	36
7	Effect of Pin Shape on Thermal History of Aluminum-Steel Friction Stir Welded Joint: Computational Fluid Dynamic Modeling and Validation. <i>Materials</i> , 2021, 14, 7883.	1.3	36
8	Comparison and evaluation of the performance of graphene-based biosensors. <i>Carbon Letters</i> , 2022, 32, 927-951.	3.3	34
9	Role of microorganisms isolated from cows with mastitis in Moscow region in biofilm formation. <i>Veterinary World</i> , 2021, 14, 40-48.	0.7	33
10	Melting Enhancement in a Triple-Tube Latent Heat Storage System with Sloped Fins. <i>Nanomaterials</i> , 2021, 11, 3153.	1.9	28
11	Multiple machine learning models for prediction of CO ₂ solubility in potassium and sodium based amino acid salt solutions. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103608.	2.3	28
12	High-Sensitivity Biosensor Based on Glass Resonance PhC Cavities for Detection of Blood Component and Glucose Concentration in Human Urine. <i>Coatings</i> , 2021, 11, 1555.	1.2	27
13	Structural, tribological and antibacterial properties of ($\hat{1}\pm + \hat{1}^2$) based ti-alloys for biomedical applications. <i>Journal of Materials Research and Technology</i> , 2020, 9, 14061-14074.	2.6	22
14	Arctigenin, an anti-tumor agent; a cutting-edge topic and up-to-the-minute approach in cancer treatment. <i>European Journal of Pharmacology</i> , 2021, 909, 174419.	1.7	22
15	Role of Cryogenic Cycling Rejuvenation on Flow Behavior of ZrCuAlNiAg Metallic Glass at Relaxation Temperature. <i>Transactions of the Indian Institute of Metals</i> , 2021, 74, 3241-3247.	0.7	21
16	Cr-SiNT, Mn-SiNT, Ti-C70 and Sc-CNT as Effective Catalysts for CO ₂ Reduction to CH ₃ OH. <i>Silicon</i> , 2022, 14, 8493-8503.	1.8	20
17	Mesenchymal Stem/Stromal Cell-Based Delivery: A Rapidly Evolving Strategy for Cancer Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 686453.	1.8	19
18	Study on food preservation materials based on nano-particle reagents. <i>Food Science and Technology</i> , 0, , .	0.8	19

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19	Pin Angle Thermal Effects on Friction Stir Welding of AA5058 Aluminum Alloy: CFD Simulation and Experimental Validation. <i>Materials</i> , 2021, 14, 7565.	1.3	18
20	Coronavirus disease 2019 (COVID-19) update: From metabolic reprogramming to immunometabolism. <i>Journal of Medical Virology</i> , 2022, 94, 4611-4627.	2.5	18
21	Morphological characteristics of <i>Candida albicans</i> , <i>Candida krusei</i> , <i>Candida guilliermondii</i> , and <i>Candida glabrata</i> biofilms, and response to farnesol. <i>Veterinary World</i> , 2021, 14, 1608-1614.	0.7	17
22	Improving the Melting Duration of a PV/PCM System Integrated with Different Metal Foam Configurations for Thermal Energy Management. <i>Nanomaterials</i> , 2022, 12, 423.	1.9	16
23	Formulation and Characterization of Poly (Ethylene Glycol)-Coated Core-Shell Methionine Magnetic Nanoparticles as a Carrier for Naproxen Delivery: Growth Inhibition of Cancer Cells. <i>Cancers</i> , 2022, 14, 1797.	1.7	13
24	Role of Glass Composition on Mechanical Properties of Shape Memory Alloy-Metallic Glass Composites. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9.	1.0	13
25	Impact of Impulses on Microstructural Evolution and Mechanical Performance of Al-Mg-Si Alloy Joined by Impulse Friction Stir Welding. <i>Materials</i> , 2021, 14, 347.	1.3	10
26	Solidification Enhancement in a Multi-Tube Latent Heat Storage System for Efficient and Economical Production: Effect of Number, Position and Temperature of the Tubes. <i>Nanomaterials</i> , 2021, 11, 3211.	1.9	10
27	Optical Density Optimization of Malaria Pan Rapid Diagnostic Test Strips for Improved Test Zone Band Intensity. <i>Diagnostics</i> , 2020, 10, 880.	1.3	9
28	A DFT study on the Ag-decorated ZnO graphene-like nanosheet as a chemical sensor for ethanol: Explaining the experimental observations. <i>Inorganic Chemistry Communication</i> , 2021, 133, 108892.	1.8	9
29	Ultrasound-assisted adsorption of dyes and cadmium ion from aqueous solutions by ZnAl ₂ O ₄ nanoparticles. <i>Materials Chemistry and Physics</i> , 2022, 276, 125398.	2.0	9
30	Effectiveness of biologically active substances from <i>Hypericum Perforatum</i> L. in the complex treatment of purulent wounds. <i>International Journal of Pharmaceutical Research (discontinued)</i> , 2020, 12, .	0.7	7
31	Influence of Elemental Carbon (EC) Coating Covering nc-(Ti,Mo)C Particles on the Microstructure and Properties of Titanium Matrix Composites Prepared by Reactive Spark Plasma Sintering. <i>Materials</i> , 2021, 14, 231.	1.3	6
32	Clinical characteristics and risk factors for disease severity and mortality of COVID-19 patients with diabetes mellitus in Kazakhstan: A nationwide study. <i>Heliyon</i> , 2021, 7, e06561.	1.4	6
33	Pharmacognostic studies of <i>Origanum</i> L. species medicinal plant raw materials. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 4365.	0.2	6
34	Determination of the Chemical Composition of Lady's Bedstraw (<i>Galium verum</i> L.) Herb Extract by GC-MS. <i>Pharmacognosy Journal</i> , 2020, 12, 857-863.	0.3	6
35	Pharmacopoeial Analysis of Inulin-Containing Medicinal Plant Raw Materials and Drugs. <i>Pharmacognosy Journal</i> , 2020, 12, 415-421.	0.3	6
36	Identification of Flavonoids in Homeopathic Mother Tinctures of <i>Galanthus woronowii</i> Losinsk. And <i>Galanthus nivalis</i> L. by Ultra-Performance Liquid Chromatography with Photodiode Arrays and Tandem Quadrupole Mass-Selective Detectors. <i>Pharmaceutical Chemistry Journal</i> , 2016, 50, 458-464.	0.3	5

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37	Validation of an HPLC-UV Procedure for Determining the Glycyrrhizic Acid Content in Licorice Roots. <i>Pharmaceutical Chemistry Journal</i> , 2020, 53, 1168-1173.	0.3	5
38	Development of a Liposomal Dosage Form Based on Hydrophobic Derivative of Indolocarbazole. <i>Drug Development and Registration</i> , 2020, 9, 21-26.	0.2	5
39	DIGITAL ECONOMY AND ITS ROLE IN THE PROCESS OF ECONOMICS DEVELOPMENT. <i>Journal of Security and Sustainability Issues</i> , 2020, 9, .	0.1	5
40	Phytochemical Study of Essential Oil from Turkish Oregano (<i>Origanum Onites L.</i>) By Gas Chromatography/Mass Spectrometry. <i>Pharmaceutical Chemistry Journal</i> , 2015, 49, 259-267.	0.3	4
41	Implementing PSO-ELM Model to Approximate Trolox Equivalent Antioxidant Capacity as One of the Most Important Biological Properties of Food. <i>BioMed Research International</i> , 2021, 2021, 1-7.	0.9	4
42	An analytical method to select appropriate linear and non-linear correlations on the effectiveness of penetration rate parameter towards mechanical specific energy. <i>Energy Reports</i> , 2021, 7, 3647-3654.	2.5	4
43	Prospects for the Use of Spinach (<i>Spinacia oleracea L.</i>) Containing Phytoecdysteroids and Polyphenols. <i>Pharmacognosy Journal</i> , 2020, 12, 246-250.	0.3	4
44	Visualization of Learning and Memorizing Processes Using Mobile Devices: Mind Mapping and Charting. <i>International Journal of Interactive Mobile Technologies</i> , 2020, 14, 136.	0.7	4
45	Quantification of polysaccharides in medicinal plant raw materials. <i>Farmatsiya-Moscow</i> , 2020, 69, 5-12.	0.0	4
46	Carbohydrates determination in the Snowdrops (<i>Galanthus L.</i>) herbal pharmaceutical substances by TLC and UV-Spectrophotometry. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 243.	0.2	4
47	Research Review on Secondary Metabolite Compounds of <i>Mangifera Casturi</i> Bark and Their Functions. <i>International Journal of Pharmaceutical Research (discontinued)</i> , 2020, 12, .	0.7	4
48	Targeted therapy of tumour microenvironment by gold nanoparticles as a new therapeutic approach. <i>Journal of Drug Targeting</i> , 2022, 30, 494-510.	2.1	4
49	Comparison of the Chemical Compositions of <i>Galanthus Woronowii</i> Losinsk. and <i>Galanthus Nivalis L.</i> Homeopathic Mother Tinctures by Gas Chromatography with Mass-Selective Detection. <i>Pharmaceutical Chemistry Journal</i> , 2017, 50, 659-667.	0.3	3
50	STANDARDIZATION OF SNOWDROP (<i>GALANTHUS L.</i>) HERBAL PHARMACEUTICAL SUBSTANCES BY UV-SPECTROPHOTOMETRY. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 207.	0.3	3
51	MUSCARI ARMENIACUM LEICHTLIN (GRAPE HYACINTH): PHYTOCHEMISTRY AND BIOLOGICAL ACTIVITIES REVIEW. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, 12, 68.	0.3	3
52	Standardization of Geranium Essential Oil. <i>Moscow University Chemistry Bulletin</i> , 2020, 75, 200-206.	0.2	3
53	The Genus <i>Asarum L.</i> : A Phytochemical and Ethnopharmacological Review. <i>Systematic Reviews in Pharmacy (discontinued)</i> , 2020, 11, .	0.6	3
54	Some Pharmacognostic Studies of the Bird Cherry (<i>Padus avium Mill.</i>) and Mountain Ash (<i>Sorbus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	3

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55	Lathraea squamaria L. (Orobanchaceae): A Review of its Botany, Phytochemistry, Traditional Uses and Pharmacology. <i>Pharmacognosy Journal</i> , 2020, 12, 667-673.	0.3	3
56	Pharmacognostic, Phytochemical and Ethnopharmacological Potential of <i>Cyclamen coum</i> Mill. <i>Pharmacognosy Journal</i> , 2020, 12, 204-212.	0.3	3
57	HPLC/RI and HPLC/PDA Phytochemical Analysis of Free and Bound Carbohydrates in <i>Galanthus woronowii</i> Losinsk. and <i>G. nivalis</i> L. Homeopathic Matrix Tinctures. <i>Pharmaceutical Chemistry Journal</i> , 2017, 50, 810-813.	0.3	2
58	Ethno-pharmacological review on the wild edible medicinal plant, <i>Lilium martagon</i> L. <i>Tropical Journal of Pharmaceutical Research</i> , 2021, 18, 1559-1564.	0.2	2
59	Monochloropropanediols, glycidol and their esters in children's nutrition. <i>Voprosy Detskoi Dietologii</i> , 2019, 17, 38-48.	0.0	2
60	Polysaccharides of Crude Herbal Drugs as a Group of Biologically Active Compounds in the Field of Modern Pharmacognosy: Physicochemical Properties, Classification, Pharmacopoeial Analysis. <i>Systematic Reviews in Pharmacy (discontinued)</i> , 2020, 11, .	0.6	2
61	Coltsfoot Leaves (<i>Tussilago farfara</i> L.) – A Promising Source of Essential Amino Acids. <i>Systematic Reviews in Pharmacy (discontinued)</i> , 2020, 11, .	0.6	2
62	Antioxidant and Antiviral Potential of Brown Algae (Phaeophyceae). <i>International Journal of Pharmaceutical Research (discontinued)</i> , 2020, 12, .	0.7	2
63	QUANTITATIVE DETERMINATION OF PHENOL CARBOXYLIC ACIDS IN POMEGRANATE FRUIT PULP BY THE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY WITH ULTRAVIOLET DETECTION. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, 12, 548.	0.3	1
64	Carbohydrate composition of polysaccharides in <i>Pectorales</i> species 1,–2. <i>Farmatsiya-Moscow</i> , 2021, 70, 11-17.	0.0	1
65	Gas Chromatography Quantification of Geraniol in a Dental Hydrogel Containing the Essential Oil of <i>Pelargonium graveolens</i> . <i>Moscow University Chemistry Bulletin</i> , 2021, 76, 137-146.	0.2	1
66	Development and validation of spectrophotometric procedure for quantitative determination of flavonoid content used to control the quality of mixture herbal product. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2019, 10, 155.	0.4	1
67	Hydroxycinnamic and organic acids of snowdrops (<i>Galanthus</i> L.). <i>Journal of Applied Pharmaceutical Science</i> , 0, , .	0.7	1
68	Qualitative and Quantitative Determination of Organic Acids in Crude Herbal Drugs and Medicinal Herbal Preparations for Quality Control in Russian Federation by Modern Physicochemical Methods. <i>Pharmacognosy Journal</i> , 2019, 11, 1132-1137.	0.3	1
69	Flavonoids in <i>Passiflora incarnata</i> L. Dry Extract of Russian Origin. <i>Pharmacognosy Journal</i> , 2019, 11, 1143-1147.	0.3	1
70	Modern Approaches to the Analysis of Kelp (<i>Laminaria</i> sp.) as Pharmacopoeial Herbal Drugs and Food Products. <i>Pharmacognosy Journal</i> , 2020, 12, 929-937.	0.3	1
71	Determination of Sugar Profile in <i>Viburnum</i> Fruits and its Dosage Forms by HPLC-RID. <i>Pharmacognosy Journal</i> , 2020, 12, 103-108.	0.3	1
72	Physicochemical Features, Qualitative and Quantitative Analysis, Present Status and Application Prospects of Polysaccharide Gums. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2021, 11, 151-159.	0.1	1

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73	Advanced Binder-Free Electrode Based on CuCo ₂ O ₄ Nanowires Coated with Polypyrrole Layer as a High-Performance Nonenzymatic Glucose Sensing Platform. <i>Coatings</i> , 2021, 11, 1462.	1.2	1
74	Newborn female with congenital diaphragmatic hernia (bochdalek hernia): A case report.. <i>International Journal of Pharmaceutical Research (discontinued)</i> , 2020, 12, .	0.7	1
75	Agrobiological evaluations of newly introduced grapes varieties under climatic conditions of the south of Kazakhstan. <i>Brazilian Journal of Biology</i> , 2022, 84, e258275.	0.4	1
76	PHARMACOGNOSTIC INVESTIGATION OF GALANTHUS WORONOWII LOSINSK. AND GALANTHUS NIVALIS L. HERBAL PHARMACEUTICAL SUBSTANCES (MICROSCOPIC AND MACROSCOPIC ANALYSIS). <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2018, 11, 212.	0.3	0
77	INFLUENCE OF CONSERVATION METHOD (FREEZING AND DRYING) ON COMPOSITION AND CONTENT OF BIOLOGICALLY ACTIVE SUBSTANCES IN ROSACEAE FRUITS (CRUDE HERBAL DRUGS). <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, 12, 542.	0.3	0
78	Comparative Study of the Biologically Active Substances Composition and Content in Meadowsweet (<i>Filipendula ulmaria</i> (L.) Maxim) Crude Herbal Drugs (Herb, Leafs, Flowers) of Russian Origin. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2018, 9, .	0.1	0
79	MUSCARI ARMENIACUM LEICHTLIN (GRAPE HYACINTH): PHYTOCHEMISTRY AND BIOLOGICAL ACTIVITIES REVIEW. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, 12, 68.	0.3	0
80	INFLUENCE OF CONSERVATION METHOD (FREEZING AND DRYING) ON COMPOSITION AND CONTENT OF BIOLOGICALLY ACTIVE SUBSTANCES IN ROSACEAE FRUITS (CRUDE HERBAL DRUGS). <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, 12, 542.	0.3	0
81	Application of high performance liquid chromatography with refractometric detection method for the identification and quantitative determination of inulin in food products for infants. <i>Voprosy Detskoi Dietologii</i> , 2019, 17, 47-51.	0.0	0
82	QUANTITATIVE DETERMINATION OF PHENOL CARBOXYLIC ACIDS IN POMEGRANATE FRUIT PULP BY THE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY WITH ULTRAVIOLET DETECTION. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2019, 12, 548.	0.3	0
83	Development and Validation of a Spectrophotometric Procedure for Determining Silicon in Common Horsetail (<i>Equisetum arvense</i> L.) Herb. <i>Pharmacognosy Journal</i> , 2019, 11, 1124-1131.	0.3	0
84	Anthocyanins Profile Characterization of Common Grape Hyacinth (<i>Muscari neglectum</i> Guss. ex Ten.) Flowers Growing in Hungary by High-performance Liquid Chromatography Coupled to Diode Array Detector and Mass Spectrometry using the Electrospray Ionization Interface. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2021, 11, 15-19.	0.1	0
85	Development and validation of the quantitative determination procedure of iodine in the iodides form in the kelp thallus by the ionometry method. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2020, 12, 277.	0.2	0
86	Preparation of components of ultrasonic extract of ginkgo biloba, physico-chemical and pharmacological analysis and molecular design. <i>Archiv Euromedica</i> , 2022, 12, 26-28.	0.1	0
87	Determination of the Pectorales species No. 2 and its components identity by infrared spectroscopy of attenuated total reflection. <i>Farmatsiya-Moscow</i> , 2022, 71, 11-16.	0.0	0
88	Amino acid profile of Pectorales species No.1 and No.2 and infusions based on them. <i>Farmatsiya-Moscow</i> , 2022, 71, 33-38.	0.0	0
89	Composition of biologically active compounds of three-part beggarticks herb. <i>Farmatsiya-Moscow</i> , 2022, 71, 22-26.	0.0	0
90	Standardization of pectoral species no. 2: current state and prospects. <i>Aspirantskiy Vestnik Povolzhiya</i> , 2021, 21, 141-149.	0.0	0

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91	STUDY OF THE SPECIFIC ACTIVITY OF AN INNOVATIVE DOSAGE FORM OF A CHEMOTHERAPEUTIC AGENT. Farmatsiya-Moscow, 2022, 71, 19-25.	0.0	0